

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 3/22/99 are:A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Black ink. Color.	— Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
— Color drawings are not acceptable until petition is granted. Fig(s) _____	9. SCALE. 37 CFR 1.84(k)
— Pencil and non black ink not permitted. Fig(s) _____	— Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b)	10. CHARACTER OF LINES, NUMBERS, & LETTERS.
— 1 full-tone set is required. Fig(s) _____	37 CFR 1.84(i)
— Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____	— Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
— Poor quality (half-tone). Fig(s) _____	11. SHADING. 37 CFR 1.84(m)
3. TYPE OF PAPER. 37 CFR 1.84(e)	— Solid black areas pale; Fig(s) _____
— Paper not flexible, strong, white, and durable. Fig(s) _____	— Solid black shading not permitted. Fig(s) _____
— Erasures, alterations, overwritings, interlineations, folds, copy-machine marks not accepted. Fig(s) _____	— Shade lines, pale, rough and blurred. Fig(s) _____
— Mylar, vellum paper is not acceptable (too thin). Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	37 CFR 1.84(p)
— 21.0 cm by 29.7 cm (DIN size A4)	— Numbers and reference characters not plain and legible. Fig(s) _____
— 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	— Figure legends are poor. Fig(s) _____
— All drawing sheets not the same size. Sheet(s) _____	— Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
— Drawings sheets not an acceptable size. Fig(s) _____	Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	— English alphabet not used. 37 CFR 1.84(p)(2)
— Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	Fig(s) _____
— SIZE: A4 Size	— Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
— Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	Fig(s) _____
— SIZE: 8 1/2 x 11	13. LEAD LINES. 37 CFR 1.84(q)
— Margins not acceptable. Fig(s) <u>10</u>	— Lead lines cross each other. Fig(s) _____
— Top (T) Left (L)	— Lead lines missing. Fig(s) _____
— Right (R) Bottom (B)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
6. VIEWS. 37 CFR 1.84(h)	— Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
REMINDER: Specification may require revision to correspond to drawing changes.	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Partial views. 37 CFR 1.84(h)(2)	— Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
— Brackets needed to show figure as one entity. Fig(s) _____	16. CORRECTIONS. 37 CFR 1.84(w)
— Views not labeled separately or properly. Fig(s) _____	— Corrections not made from prior PTO-948 dated _____
— Enlarged view not labeled separately or properly. Fig(s) _____	17. DESIGN DRAWINGS. 37 CFR 1.152
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	— Surface shading shown not appropriate. Fig(s) _____
— Hatching not indicated for sectional portions of an object. Fig(s) _____	— Solid black shading not used for color contrast. Fig(s) _____
— Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	

COMMENTS

REVIEWER A. D DATE 4/27/99 TELEPHONE NO. _____

Attachment for PTO-948 (Rev. 03/01, or earlier)

6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.